

GIS REGISTRY INFORMATION

SITE NAME:	Bultman Oil Co Inc Bulk Plant		FID #	
BRRTS #:	02-31-000281		(if appropriate):	
COMMERCE # (if appropriate):	54216-9999-46			
CLOSURE DATE:	May 10, 2000			
STREET ADDRESS:	1610 River Rd			
CITY:	Kewaunee			
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	X = 717650	Y = 446578		
CONTAMINATED MEDIA:	Groundwater	Soil	Both	x
OFF-SOURCE GW CONTAMINATION >ES:	Yes	No	x	
• IF YES, STREET ADDRESS:	No address-railroad right of way			
• GPS COORDINATES (meters in WTM91 projection):	X = 717679	Y = 446596		
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	Yes	No	x	
• IF YES, STREET ADDRESS 1:				
• GPS COORDINATES (meters in WTM91 projection):	X =	Y =		
CONTAMINATION IN RIGHT OF WAY:	Yes	No		
DOCUMENTS NEEDED				
Closure Letter, and any conditional closure letter issued				x
Copy of most recent deed, including legal description, for all affected properties (No deed-railroad rt-of-way)				na
Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties				na
County Parcel ID number, if used for county, for all affected properties				na
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.				x
Detailed Site Map(s) for all affected properties , showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs				x
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching) (Site closed before GIS - shading on table-site closed with PAL exemption BUR offsite RR right of way has ES exceedance)				x
Tables of Latest Soil Analytical Results (no shading or cross-hatching)				x
Isoconcentration map(s), if required for site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map. (Site closed with PAL exemption-RR right-of-way has contamination above ES)				x
GW: Table of water level elevations , with sampling dates, and free product noted if present (not available)				na
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)				x
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs , with one contour				x
Geologic cross-sections, if required for SI. (8.5x14" if paper copy)				na
RP certified statement that legal descriptions are complete and accurate (not available- site closed before GIS implementation)				na
Copies of off-source notification letters (if applicable)				na
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)				x
Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure				na



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2129 Jackson Street
Oshkosh, Wisconsin 54901-1805
TDD #: (608) 264-8777
Fax #: (920) 424-0217
<http://www.commerce.state.wi.us>
<http://www.wisconsin.gov>
Jim Doyle, Governor
Cory L. Nettles, Secretary

August 4, 2003

Ms. Susan Orr
Bultman Oil Company, Inc.
1610 River Road
Kewaunee, WI 54216

RE: **Final Closure**

Commerce # 54216-9999-46 WDNR BRRTS # 02-31-000281
Bultman Oil Company, Inc. Bulk Plant, 1610 River Road, Kewaunee

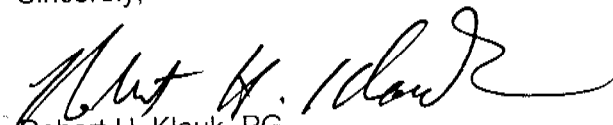
Dear Ms. Orr:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual soil contamination. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required. If applicable, the PECFA claim for this site would also be reopened and you may apply for assistance to the extent of remaining eligibility.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0046.

Sincerely,


Robert H. Klauk, PG
Hydrogeologist
Site Review Section

cc: Karl A. Schuldes - Robert E. Lee & Associates, Inc.
Case File



ENVIRONMENTAL & REGULATORY SERVICES
2129 Jackson Street
Oshkosh, Wisconsin 54901
Fax: (920) 424-0217
TDD #: (608) 264-8777
www.commerce.state.wi.us
Tommy G. Thompson, Governor
Brenda J. Blanchard, Secretary

May 10, 2000

Bultman Oil Company
Attn: Sue Orr
1610 River Road
Kewaunee WI 54216

RE: **Commerce # 54216-9999-46**
Bultman Oil Company Inc. River Road, Kewaunee, WI

Case Closure [conditional upon receipt of documentation]

Dear Ms. Orr:

On March 22, 2000 the Wisconsin Department of Natural Resources transferred this site to the Wisconsin Department of Commerce for regulatory oversight. On behalf of the Wisconsin Department of Commerce, I am reviewing this case for closure.

Using the standards established in NR 700, and the risk criteria of Comm 46, the Department has determined that this site does not pose a significant threat to the environment and human health, and no further investigation or remedial action is necessary. In making this determination, I reviewed the following documents prepared by Robert E. Lee & Associates, as well as other correspondence in the case file:

- *Site Investigation Work Plans*, March 20 & May 15, 1992
- *Site Investigation and Remedial Action Options Report*, May 28, 1996
- *Construction Documentation Report*, September 15, 1997
- *Groundwater Monitoring Reports* dated January 29, 1998, March 17, 1998, May 12, 1998, September 28, 1998, December 21, 1998 and August 6, 1999
- *Closure Request*, March 9, 2000

If, in the future, site conditions indicate that any contamination that might remain poses a threat, the need for further remediation would be determined and required if necessary. If subsequent information indicates a need to reopen this case, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility.

RE: **Commerce # 54216-9999-46**
Bultman Oil Company Inc.
River Road, Kewaunee, WI

May 10, 2000

Page 2

IMPORTANT: we cannot list this case as "closed" on our computer database until we receive the following items.

- A notification must be placed on the property deed addressing residual soil impacts. For case closure we will need a copy of the deed notification that contains the County Register of Deeds' recording information. Enclosed an example of a "Notice of Contamination to Property" for your use. If you wish to modify the language, submit a copy to this office for review prior to filing.

According to the March 1999 closure report, groundwater containing benzene was collected from the monitoring wells at MW-1R1 & MW4. The concentration was above the NR 140 Preventative Action Level (PAL) and below the NR 140 Enforcement Standard (ES). The Department may grant an exemption for lead if the criteria indicated in NR 140.28(3) [or NR 140.28(2)] are met. Pursuant to NR 140.28 an exemption for Benzene PAL is granted for monitoring wells MW-1R1 & 4. This letter serves as your exemption.

- A notification must be placed on the property deed of Fox Valley & Western Ltd. Railroad addressing residual groundwater impacts. For case closure we will need a copy of the deed notification that contains the County Register of Deeds' recording information. Enclosed an example of a "Notice of Contamination to Property" for your use. If you wish to modify the language, submit a copy to this office for review prior to filing.
- Documentation of the abandonment of monitoring wells MW-1R1, 2, 3 and 4. Please submit abandonment documentation to the Department at the letterhead address.

Thank you for your efforts in the protection of the environment. If you have any questions, please call me at (920) 424-0046.

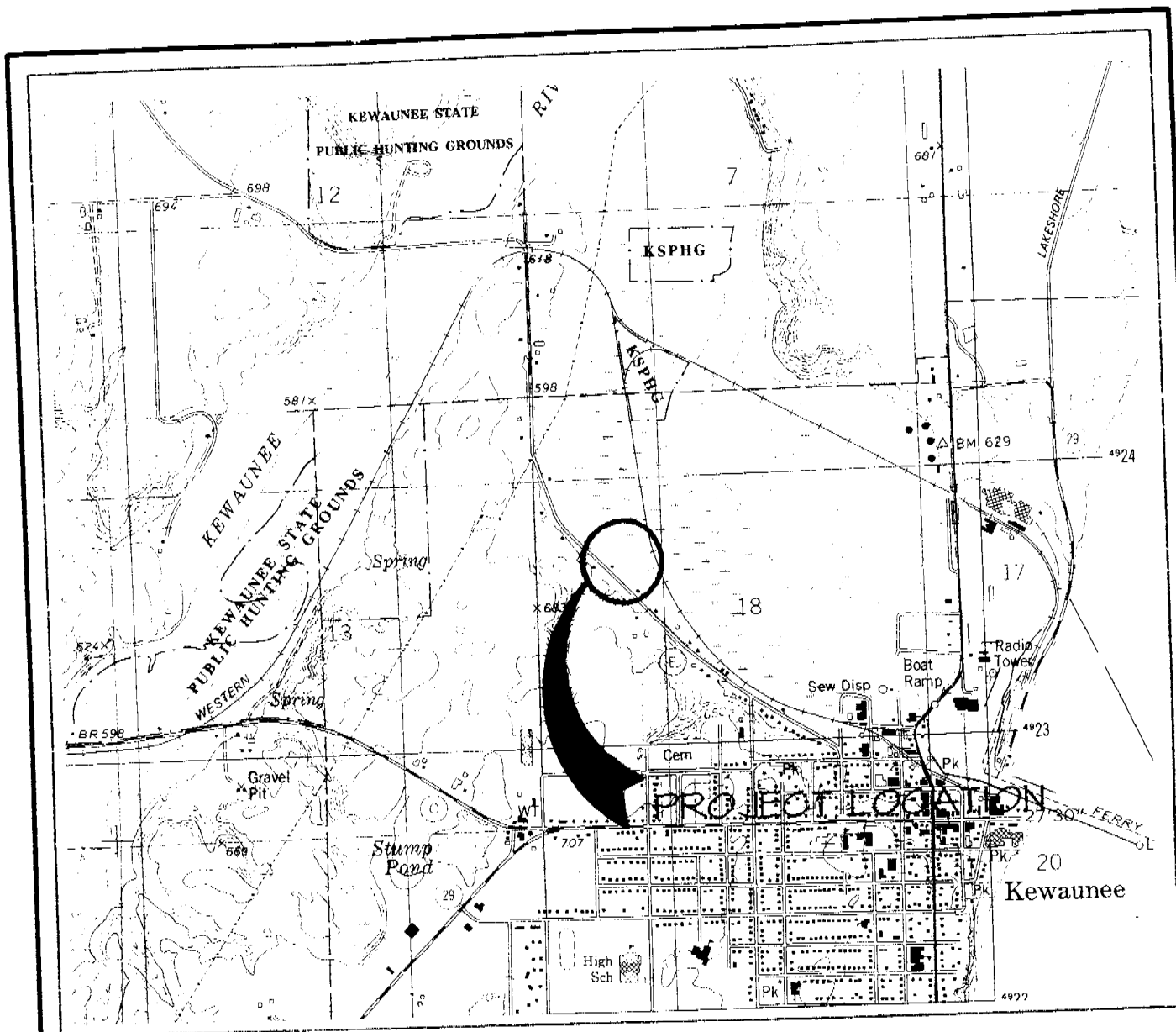
Sincerely,



Dee Zoellner
Hydrogeologist
PECFA Site Review Section

enclosure

cc: Karl Schuldes, REL (with enclosure)
electronic case file



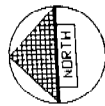
LOCATION MAP
BULTMAN OIL
RIVER ROAD
KEWAUNEE, WISCONSIN



1" = 2000'

MAP USED - KEWAUNEE QUAD - 1978

FIGURE 1



LEGEND

- ⊕ SEPTIC VENT
- POWER POLE
- ⌈ SIGN

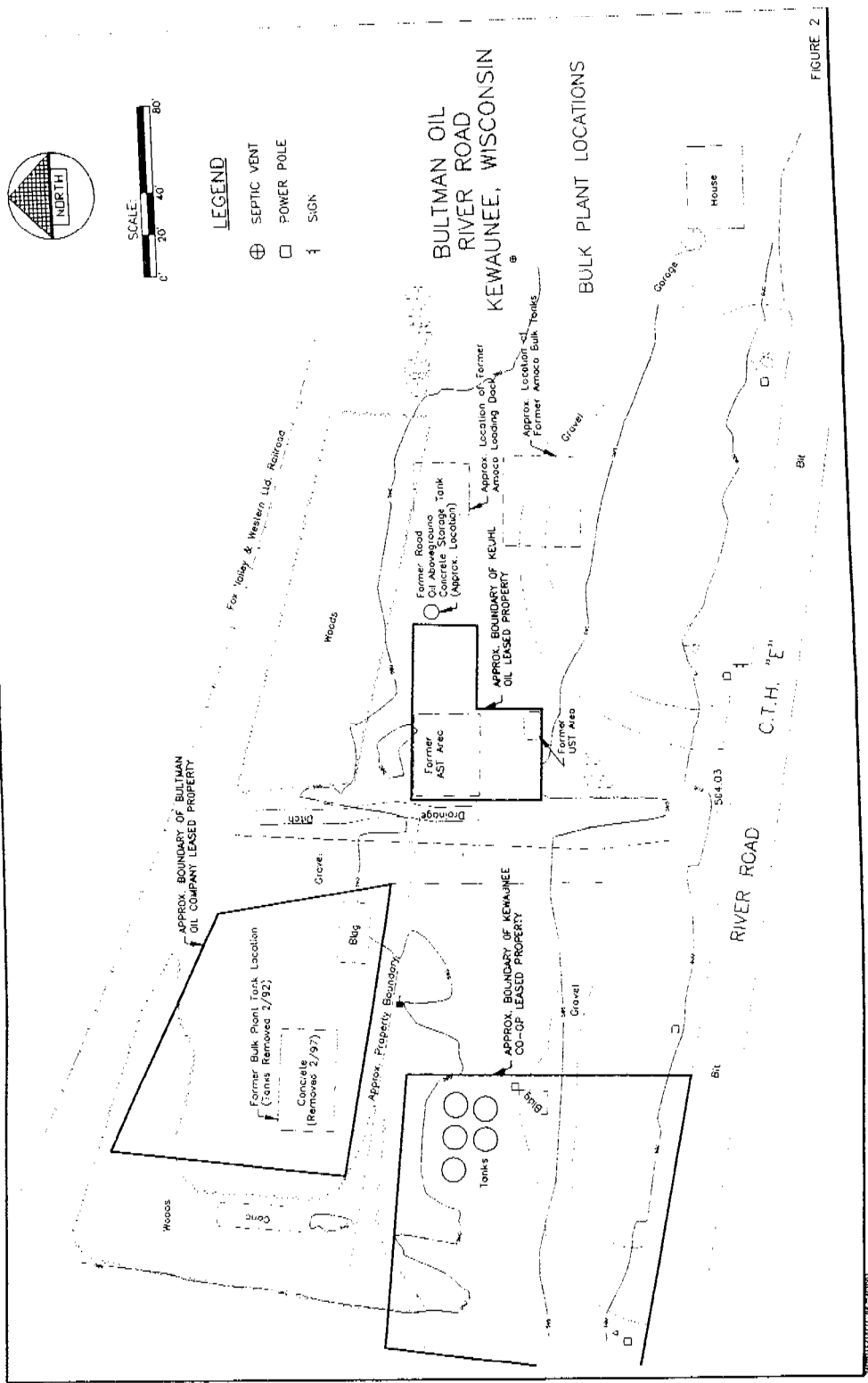


FIGURE 2

20250127547-107-40001


BULTMAN OIL


Monitoring Well Groundwater Analysis

Post-Remediation

Parameter (µg/l)	PAL	ES	MW-1R1								
			1/22/96	2/22/96	8/8/97	11/21/97	2/17/98	4/16/98	7/7/98	10/6/98	2/19/99
Benzene	0.5	5	2500	4730	99.1	31.8	8.03	2.80	2.31	1.86	1.2
Ethylbenzene	140	700	830	1050	85.4	11.8	1.82	<1.0	<1.0	<1.0	0.47
MTBE	60	12	<0.2	<0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.22
Naphthalene	8	40	131	128	28.7	1.97	<1.0	<1.0	<1.0	<1.0	<0.89
Toluene	68.6	343	55	29	5.59	<1.0	<1.0	<1.0	<1.0	<1.0	0.49
Total Trimethylbenzene	480	96	545	591	145.0	6.38	<1.0	<1.0	<1.0	<1.0	0.91
Total Xylene	124	620	5220	5470	232.96	6.11	<1.0	<1.0	<1.0	<1.0	<0.97
Indicators											
Sulfate (mg/l)	-	-	-	-	7.02	12.8	15.4	11.1	7.23	4.32	4.6
Nitrate (mg/l)	10	2	-	-	<3	0.388	<0.3	<0.3	<0.3	<0.3	0.018
Methane	-	-	-	-	NA	NA	557	302	NA	NA	NA
Dissolved O ₂ (mg/l)	-	-	-	-	0.6	0.3	2.1	6.0	4.7	3.3	1.9
Iron (mg/l)	-	-	-	-	0.2	2	2.0	1.5	1.5	2.0	3.0

Parameter (µg/l)	PAL	ES	MW-2									
			1/22/96	2/22/96	8/8/97	11/21/97	2/17/98	4/16/98	7/7/98	10/6/98	2/19/99	
Benzene	0.5	5	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.26	
Ethylbenzene	140	700	<0.2	<0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.24	
MTBE	60	12	<0.2	<0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.22	
Naphthalene	8	40	<0.2	<0.2	1.31	<1.0	<1.0	<1.0	<1.0	<1.0	<0.89	
Toluene	68.6	343	<0.2	<0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.32	
Total Trimethylbenzene	480	96	<0.2	<0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.86	
Total Xylene	124	620	<0.2	<0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.97	
Indicators												
Sulfate (mg/l)	-	-	-	-	2.94	8.43	15.2	9.42	<1.0	10.2	12	
Nitrate (mg/l)	10	2	-	-	<0.3	0.411	<0.3	<0.3	<0.3	<0.3	0.021	
Methane	-	-	-	-	NA	NA	634	496	NA	NA	NA	
Dissolved O ₂ (mg/l)	-	-	-	-	0.8	0.5	1.0	0.7	1.1	1.8	0.4	
Iron (mg/l)	-	-	-	-	2.0	2	2.5	3.5	2.5	3.0	4.0	

 = Exceedance of NR 140 Groundwater Quality Preventative Action Limits

 = Exceedance of NR 140 Groundwater Quality Enforcement Standards

1- MW-1R replaces MW-1, which was removed during remedial excavation.

BULTMAN OIL

Monitoring Well Groundwater Analysis

Post-Remediation

Parameter (µg/l)	PAL	ES	MW-3								
			1/22/96	1/22/96	8/8/97	11/21/97	2/17/98	4/16/98	7/7/98	10/6/98	2/19/99
Benzene	0.5	5	50	77	27.6	39.4	42.9	33.1	30.9	8.10	27
Ethylbenzene	140	700	<1.0	<2.0	1.51	2.95	3.15	2.30	1.99	<1.0	1.8
MTBE	60	12	<1.0	<2.0	<1.0	2.70	<1.0	6.15	<1.0	<1.0	2.0
Naphthalene	8	40	6.9	8.1	<1.0	8.62	5.85	6.47	6.29	1.13	7.8
Toluene	68.6	343	<1.0	<2.0	4.36	2.17	<1.0	5.67	5.93	3.00	2.5
Total Trimethylbenzene	480	96	38.4	58.2	19.43	49.75	63.3	48.86	44.58	8.08	50
Total Xylene	124	620	81	122	8.98	83.24	94.23	73.64	63.65	7.85	70.6
Indicators											
Sulfate (mg/l)	-	-	-	-	16.2	1.80	4.86	1.13	5.19	21.3	3.6
Nitrate (mg/l)	10	2	-	-	<0.3	0.380	<0.3	<0.3	<0.3	<0.3	<0.017
Methane	-	-	-	-	NA	NA	1.820	1.080	NA	NA	NA
Dissolved O ₂ (mg/l)	-	-	-	-	0.1	0.2	1.1	0.5	0.6	0.5	0.6
Iron (mg/l)	-	-	-	-	10	10	10.0	10.0	10.0	10.0	10.0

Parameter (µg/l)		PAL	ES	MW-4						
				8/8/97	11/21/97	2/17/98	4/16/98	7/7/98	10/6/98	2/19/99
Benzene		0.5	5	<0.5	1.80	5.61	<0.5	<1.0	<1.0	0.32
Ethylbenzene		140	700	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.49
MTBE		60	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.89
Naphthalene		8	40	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.75
Toluene		68.6	343	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.86
Total Trimethylbenzene		480	96	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2
Total Xylene		124	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Indicators										
Sulfate (mg/l)		-	-	16.2	10.2	9.90	23.4	12.1	12.4	4.9
Nitrate (mg/l)		10	2	<0.3	0.411	<0.3	3.21	0.38	<0.3	<0.017
Methane		-	-	NA	NA	1760	819	NA	NA	NA
Dissolved O ₂ (mg/l)		-	-	0.0	0.5	0.9	1.0	0.2	0.0	0.3
Iron (mg/l)		-	-	10	8	7.5	5.0	4.0	5.0	9.0

= Exceedance of NR 140 Groundwater Quality Preventative Action Limits

= Exceedance of NR 140 Groundwater Quality Enforcement Standards

Remedial Excavation Soil Samples

Parameter	Soil Cleanup Standard*	Sample Number And Depth (Feet)				
		S-1	S-2	S-3	S-4	S-5
DRO (mg/kg)	100	738	941	360	ND	10
GRO (mg/kg)	100	1,350	124	289	11.1	199
PVOCs (µg/kg)						
Benzene	5.5	507	108	1,058	1,164	315
Ethylbenzene	2,900	7,050	1,320	685	74	1,130
MTBE	-	<444	<31	<139	<36	<35
1,2,4-Trimethylbenzene	-	33,900	4,300	3,460	839	7,640
1,3,5-Trimethylbenzene	-	12,900	1,380	1,730	188	2,270
Total Xylene	4,100	9,530	3,241	6,300	3,376	3,229
Toluene	1,500	3,700	81	443	46	356
PAH (µg/kg)						
Benzo (a) pyrene	8.8	ND	ND	ND	ND	ND
Benzo (b) Fluoranthene	88	5.19	14.8	63.2	ND	18.0
Benzo (k) Fluoranthene	880	ND	5.34	ND	ND	ND
Benzo (ghi) Perylene	1,800	3.78	ND	ND	ND	ND
Fluorene	100,000	ND	129	261	ND	ND
Indeno (1,2,3-cd) Pyrene	88	3.20	ND	ND	64.5	ND
1-Methyl Naphthalene	23,000	1,580	1,190	2,880	28.0	586
2-Methyl Naphthalene	20,000	2,830	1,530	2,360	96	1,270
Naphthalene	400	8.14	425	13.3	ND	721

* Soil cleanup standards are from Table 1 in NR 720 and Table 1 in the Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance. The lowest cleanup level for each compound has been listed.

Note: Only PAH Compounds detected have been listed



Exceedance of Soil Cleanup Standard

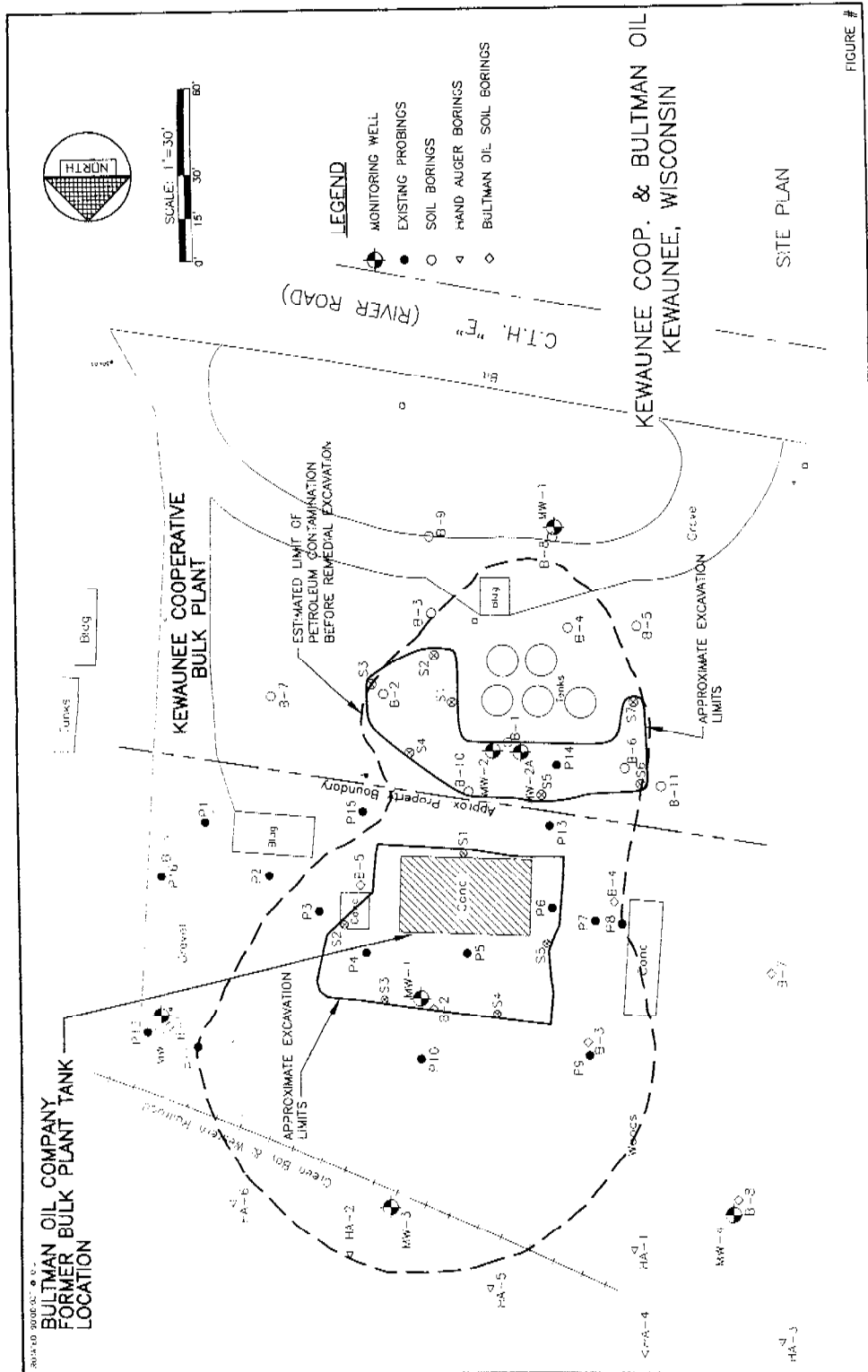


FIGURE #

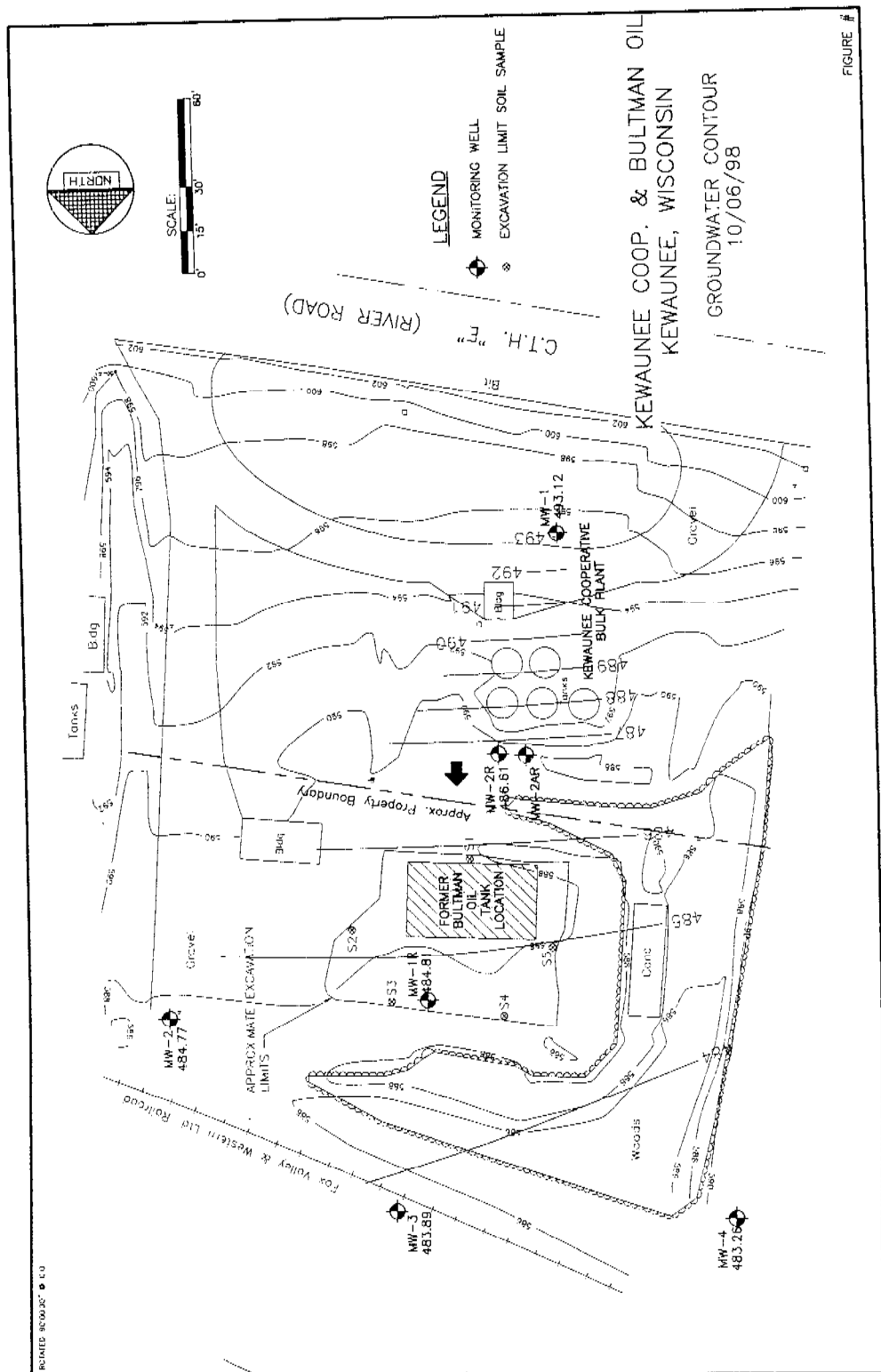


FIGURE 17

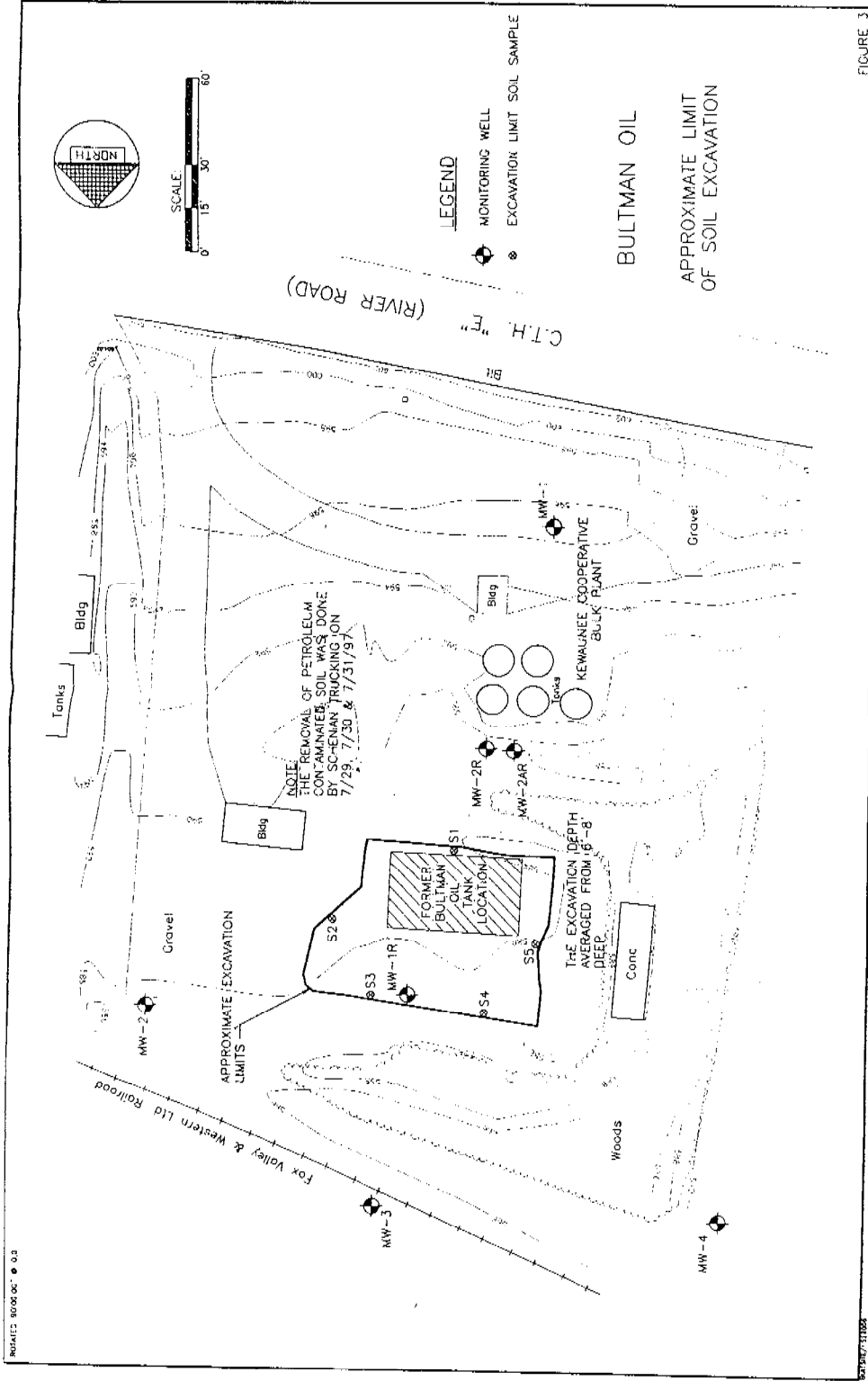


FIGURE 3

RECEIVED

JUL 25 2003

ERS DIVISION
OSHKOSH

RECEIVED

JUL 17 2003

ROBERT E. LEE & ASSOC., INC.

June 30, 2003

To Whom It May Concern:

I, the undersigned, state with this letter that the tract of land on River Road (County Highway E) in Kewaunee, Wisconsin, formerly leased by Bultman Oil Company, Inc., is owned by ~~Fox Valley and Western, Ltd.~~
Wisconsin Central Ltd. GN

Geoffrey Nokes
Geoffrey Nokes
CANADIAN NATIONAL
Wisconsin Central Division



Robert E. Lee & Associates, Inc.
Engineering, Surveying, Environmental Services

June 30, 2003

RECEIVED

JUL 02 2003

ERS DIVISION
OSHKOSH

Green Bay Office
4664 Golden Pond Park Ct.
Oneida, WI 54155
920-662-9641
FAX 920-662-9141
E Mail rel@releeinc.com

Mr. Geoffrey C. Nokes
CANADIAN NATIONAL
Wisconsin Central Division
P. O. Box 5062
Rosemont, IL 60017-5062

RE: **NOTIFICATION OF CONTAMINATION**
Bultman Oil Company, Inc.
River Road, Kewaunee, Wisconsin
WDNR LUST ID #03-31-00281
PECFA Claim #54216-9999-46

Dear Mr. Nokes:

On behalf of Bultman Oil, we are notifying you of petroleum contamination that exists on your property that was leased by Bultman Oil, on River Road in Kewaunee, Wisconsin. The contamination was caused by a spill from a bulk tank owned by Bultman Oil. The spill has been investigated and remediated according to Wisconsin Department of Natural Resources and Department of Commerce regulations, and is now a closed site.

Sincerely,

ROBERT E. LEE & ASSOCIATES, INC.

Karl A. Schuldes
Environmental Scientist II

KAS/njm

CC: Sue Orr, Bultman Oil
Bob Klauk - DCOMM